

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A golf ball having a paint film on the surface of the golf ball body,

wherein the paint film has a thickness of 6 μm to 13 μm ;

the paint film contains a base resin made by curing an aqueous polyol and a polyisocyanate; and

the aqueous polyol is at least one selected from the group consisting of an aqueous acrylic polyol, an aqueous polyester polyol, and an aqueous alkyd resin; and

the aqueous polyol has an hydroxyl value of from 50 mgKOH/g to 100 mgKOH/g (exclusive) and a weight average molecular weight of 4,000 to 20,000.

2. (canceled)

3. (Currently Amended) The golf ball according to ~~claim 2~~ claim 1, wherein the aqueous polyol is the aqueous polyester polyol.

4. (Currently Amended) A golf ball ~~paint comprising~~ having a paint film formed of two-component curing type urethane paint,

wherein the urethane paint includes an aqueous polyol being at least one selected from the group consisting of an aqueous acrylic polyol, an aqueous polyester polyol, and an aqueous alkyd resin, the aqueous polyol having an hydroxyl value of from 50 mgKOH/g to 100 mgKOH/g (exclusive) and a weight average molecular weight of 4,000 to 20,000, and a polyisocyanate.

5. (canceled)

6. (Currently Amended) The golf ball ~~paint~~ according to claim 5 claim 4, wherein the aqueous polyol is the aqueous polyester polyol.

7. (Cancelled)

8. (Currently Amended) The golf ball ~~paint~~ according to claim 4, wherein the urethane paint further comprises a film forming additive.

9. (Currently Amended) The golf ball ~~paint~~ according to claim 8, wherein the film forming additive is ethyleneglycol monoalkylether.

10. (New) The golf ball according to claim 6, wherein the aqueous polyester polyol has a carboxyl group.

11. (New) The golf ball according to claim 10, wherein an aqueous liquid of the aqueous polyester polyol is prepared by neutralizing the carboxyl group with a base.

12. (New) The golf ball according to claim 10, wherein the carboxyl group is introduced from a polybasic acid component.

13. (New) A golf ball having a paint film on the surface of the golf ball body, wherein the paint film has a thickness of 6 μm to 13 μm ;
the paint film contains a base resin made by curing an aqueous polyol and a polyisocyanate;

the aqueous polyol is at least one selected from the group consisting of an aqueous acrylic polyol, an aqueous polyester polyol, and an aqueous alkyd resin;

the aqueous polyol has hydroxyl value of from 50 mgKOH/g to 100 mgKOH/g (exclusive) and a weight average molecular weight of 5,000 to 20,000; and

a mixing ratio of the polyisocyanate to the aqueous polyol has a molar ratio (NCO/OH) of 0.8 to 1.6.

14. (New) The golf ball according to claim 12, wherein the polybasic acid component includes trimellitic acid and pyromellitic acid.